

## **ABSTRACT OF THE DISCLOSURE**

An apparatus, system, and method are provided for automatically generating a web interface for an MFS-based IMS application. The apparatus, system, and method include an import module that imports MFS-based IMS source files corresponding to an MFS-based IMS application. A metadata generator stores a standardized metadata description of the Message Input Description (MID) and Message Output Description (MOD) for the MFS-based IMS application. The standardized metadata description may comprise one or more XMI files. A code generator generates a middleware application corresponding to the MFS-based IMS application from the standardized metadata descriptions. The middleware application comprises an interface between a client application and the corresponding MFS-based IMS application. The present invention may include a command-line interface that allows one or more parameter sets to be provided by a user as a single input. The present invention may also include a deployment module that transmits and/or installs the standardized metadata descriptions and middleware applications on suitable servers to enable the web interface.

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